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## ECONOMIC RESOURCE IMPACT STATEMENT 30 SEP 1990

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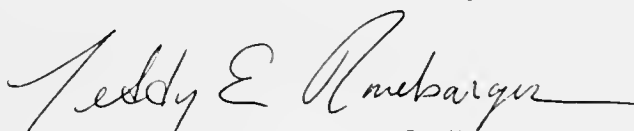
Although its main purpose is to estimate Malmstrom's annual economic impact on the local area, this statement also provides a wealth of information on the base's operations, people and facilities in one concise, "user-friendly" publication.

In many ways it serves as our "annual report," providing our board of directors -- Congress and the Air Force -- and our shareholders -- American taxpayers -- with a concise description of the base's assets and expenditures, and the effect our spending has on the economy, in terms of both money and jobs.

The Economic Resource Impact Statement quantifies various aspects of work and life on the base, and paints a fascinating "number picture" of a vibrant and dynamic community called Malmstrom

Air Force Base. I hope you find it useful and informative.

Fiscal year 1990 brought stiff challenges to Team Malmstrom, as we call ourselves. We met those challenges with enthusiasm, resourcefulness and good old hard work. And beside us all the way were our Montana neighbors -- a critical factor that makes Team Malmstrom a winning team. We appreciate the warm welcome and steadfast support our friends give us, and hope our presence has an equally positive impact -- economic and social -- on our host community.

  
TEDDY E. RINEBARGER  
Brigadier General, USAF  
Commander, 40th Air Division

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# **ECONOMIC RESOURCE IMPACT STATEMENT**

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The Economic Resource Impact Statement (ERIS) is designed to provide key unclassified information to public officials and visitors concerning the missions, resources, and economic impact of Malmstrom Air Force Base. This publication has been prepared in accordance with applicable Air Force directives and higher headquarters guidance and policies.

Prepared by:

Cost Analysis Branch  
40th Air Division  
Malmstrom Air Force Base, Montana 59402

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This book reflects Fiscal Year 1990 (1 Oct 89 - 30 Sep 90).



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# EXECUTIVE OVERVIEW

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## Payroll

|                              |                      |
|------------------------------|----------------------|
| Military .....               | \$ 88,171,646        |
| Appropriated Civilians ..... | \$ 17,305,828        |
| NAF/BX/Other Civilians ..... | \$ 4,289,584         |
| <b>Total .....</b>           | <b>\$109,767,058</b> |

## Construction and Services

|                                |                      |
|--------------------------------|----------------------|
| Construction .....             | \$ 47,320,200        |
| Services .....                 | \$ 13,488,348        |
| Commissary/Base Exchange ..... | \$ 446,269           |
| Health .....                   | \$ 3,720,273         |
| Education .....                | \$ 1,119,951         |
| TDY .....                      | \$ 660,876           |
| <b>Total .....</b>             | <b>\$ 66,755,917</b> |

Materials, Equipment, and Supplies ..... \$ 11,014,898

Total Base Expenditures in Economic Impact Region ..... \$ 133,544,477  
x 2.2622

**TOTAL ECONOMIC IMPACT IN EIR ..... \$302,104,316**

Secondary Jobs Created in EIR ..... 1,809



TABLE 1. ORGANIZATIONS

-- As of 30 September 1990 --

| <u>Host</u>   | <u>Command</u> |
|---|----------------|
| 40th Air Division                                   | SAC            |
| Resource Management                                 |                |
| 840th Combat Support Group                          |                |
| 840th Security Police Group                         |                |
| 840th Strategic Clinic                              |                |
| 341st Strategic Missile Wing                        | SAC            |
| Operations  |                |
| Maintenance   |                |
| 301st Air Refueling Wing                            | SAC            |
| Operations  |                |
| Maintenance   |                |
| <u>Tenants</u>                                      |                |
| 2153rd Communications Squadron                      | AFCC           |
| Det 5, 37th Air Rescue Squadron                     | MAC            |
| Det 5, 9th Weather Squadron                         | MAC            |
| Det 23, 3904th Management Engineering Squadron      | SAC            |
| Field Training Detachment 501                       | ATC            |
| 12th Flying Training Wing, Operating Location L     | ATC            |
| Air Force Office of Special Investigations          | AFOSI          |
| Det 2, Ballistic Systems Division                   | AFSC           |
| Det QD4B, USAF Trial Judiciary Area Defense Counsel | SAC            |
| Ogden Air Logistics Center Field Offices            | AFLC           |
| Defense Reutilization and Marketing Service         | AFLC           |
| Defense Investigative Service                       | DOD            |
| Det AA97, Civil Air Patrol                          | CAP            |
| U.S. Army Corps of Engineers                        | DA             |
| American Red Cross                                  |                |



**TABLE 5. SUMMARY OF PERSONNEL BY CLASSIFICATION AND HOUSING LOCATION**

-- As of 30 September 1990 --

| <i>Classification</i>  | <i>Living<br/>On Base</i> | <i>Living<br/>Off Base</i> | <i>Total</i> |
|--|---------------------------|----------------------------|--------------|
| <b>APPROPRIATED FUND MILITARY</b>                                    |                           |                            |              |
| Active-Duty Permanent Party  | 2,084                     | 2,090                      | 4,174        |
| ANG/Reserve Permanent Party  | 0                         | 0                          | 0            |
| Trainees/Cadets  | 0                         | 0                          | 0            |
| Traditional Guardsmen/Reserve  | 0                         | 0                          | 0            |
| TOTAL  | 2,084                     | 2,090                      | 4,174        |
| ACTIVE DUTY MILITARY DEPENDENTS                                      | 3,760                     | 2,989                      | 6,749        |
| <b>APPROPRIATED FUND CIVILIAN</b>                                    |                           |                            |              |
| General Schedule   |                           |                            | 317          |
| Federal Wage board   |                           |                            | 213          |
| Other  |                           |                            | 18           |
| TOTAL  |                           |                            | 548          |
| <b>NONAPPROPRIATED FUND, CONTRACT CIVILIAN, AND PRIVATE BUSINESS</b> |                           |                            |              |
| Civilian NAF   |                           |                            | 161          |
| Civilian BX  |                           |                            | 126          |
| Contract Civilians <sup>1</sup>                                      |                           |                            | 968          |
| Private Businesses on base by type:                                  |                           |                            |              |
| Branch Bank/Credit Union   |                           |                            | 47           |
| Other Civilians <sup>1, 2</sup>                                      |                           |                            | 1            |
| <b>MILITARY RETIREES<sup>3</sup></b>                                 |                           |                            |              |
| Air Force  |                           |                            | 1,269        |
| Army   |                           |                            | 157          |
| Navy   |                           |                            | 147          |
| Marines  |                           |                            | 39           |
| Coast Guard  |                           |                            | 7            |
| TOTAL  |                           |                            | 1,619        |

Notes:

1. Not elsewhere Included.
2. Red Cross Employee.
3. Three digit ZIP Code, 594.



**TABLE 6. SUMMARY OF ANNUAL GROSS PAYROLL BY CLASSIFICATION AND HOUSING LOCATION**

| -- Fiscal Year 1990 --   |                                    |                                     |                       |
|--|------------------------------------|-------------------------------------|-----------------------|
| <i>Classification</i>  | <i>Living<br/>On Base<br/>(\$)</i> | <i>Living<br/>Off Base<br/>(\$)</i> | <i>Total<br/>(\$)</i> |
| <b>APPROPRIATED FUND MILITARY</b>                                    |                                    |                                     |                       |
| Active Duty Permanent Party  | \$41,267,009                       | \$46,904,637                        | \$88,171,646          |
| ANG/Reserve Permanent Party  | 0                                  | 0                                   | 0                     |
| Trainees/Cadets  | 0                                  | 0                                   | 0                     |
| Traditional Guardsmen/Reserve  | 0                                  | 0                                   | 0                     |
| TOTAL  | \$41,267,009                       | \$46,904,637                        | \$88,171,646          |
| <b>APPROPRIATED FUND CIVILIAN<sup>1</sup></b>                        |                                    |                                     |                       |
| General Schedule   |                                    |                                     | \$ 8,387,538          |
| Federal Wage System  |                                    |                                     | 8,488,336             |
| Other  |                                    |                                     | 429,954               |
| TOTAL  |                                    |                                     | \$17,305,828          |
| <b>NONAPPROPRIATED FUND, CONTRACT CIVILIAN, AND PRIVATE BUSINESS</b> |                                    |                                     |                       |
| Civilian NAF <sup>1</sup>  |                                    |                                     | \$1,479,597           |
| Civilian BX <sup>1</sup>   |                                    |                                     | 1,262,238             |
| Contract Civilians <sup>2</sup>                                      |                                    |                                     | 968,000               |
| Private Businesses on base by type:                                  |                                    |                                     |                       |
| Branch Bank/Credit Union   |                                    |                                     | 566,271               |
| Other Civilians <sup>2, 3</sup>                                      |                                    |                                     | 13,478                |
| <b>MILITARY RETIREES<sup>4</sup></b>                                 |                                    |                                     |                       |
| Air Force  |                                    |                                     | \$16,144,176          |
| Army   |                                    |                                     | 1,731,552             |
| Navy   |                                    |                                     | 1,476,912             |
| Marines  |                                    |                                     | 420,156               |
| Coast Guard  |                                    |                                     | 90,396                |
| TOTAL  |                                    |                                     | \$19,863,192          |

Notes:

1. Multiplied by factor of .893 to account for Employer contributions to payroll.
2. Not elsewhere Included.
3. Red Cross Employees.
4. FY89 data was increased by 6.1% to reflect the retired pay increases in FY90.





**TABLE 7. SUMMARY OF CONSTRUCTION, CONTRACTS, AND EXPENDITURES  
FOR MATERIALS, EQUIPMENT, AND SUPPLIES<sup>1</sup>**

| -- Fiscal Year 1990 --   |                                 |
|--|---------------------------------|
|  | Actual<br>Annual<br>Expenditure |
| <b>CONSTRUCTION</b>  |                                 |
| Military Construction Program  | \$29,660,833                    |
| Nonappropriated Fund   | 474,000                         |
| Military Family Housing  | 6,658,667                       |
| Operations and Maintenance   | 10,526,700                      |
| Other  | 0                               |
| <b>TOTAL CONSTRUCTION</b>  | <b>\$47,320,200</b>             |
| <b>CONTRACTS AND PROCUREMENT: SERVICES,<br/>MATERIALS, EQUIPMENT, AND SUPPLIES</b> |                                 |
| Services Contracts <sup>2</sup>  | \$ 6,689,516                    |
| Other Services <sup>3</sup>  | 6,798,832                       |
| <b>TOTAL SERVICES</b>  | <b>\$13,488,348</b>             |
| <b>Commissary, Base Exchange, Health,<br/>Education, and TDY Expenditures</b>      |                                 |
| Commissary   | \$424,619                       |
| BX   | 21,650                          |
| Health (CHAMPUS, Government Cost Only)   | 3,720,273                       |
| Education (Impact Aid and Tuition Assistance)                                      | 1,119,951                       |
| TDY  | 660,876                         |
| <b>TOTAL</b>   | <b>\$5,947,369</b>              |
| Other materials, Equipment,<br>and Supplies Procurement <sup>3</sup>               | \$11,014,898                    |
| <b>TOTAL EXPENDITURES</b>  | <b>\$77,770,815</b>             |

**Notes:**

1. Does not include contracts for services supplied to other Air Force Installations.
2. Includes only contracts in Economic Impact Region (EIR) or contracts requiring the use of locally supplied goods and services.
3. Not elsewhere included.



TABLE 8. ERS ECONOMIC IMPACT CALCULATION PROCEDURES

## PART 1: DATA SUMMARY AND ADJUSTMENT

| ERIS<br>Table<br>Number   | Variable<br>Name  | A.<br>Annual<br>Amount<br>(\$) | B.<br>Adjustment<br>Factors | C.<br>(A x B)<br>Local Amount<br>(\$) | D.<br>ERIS<br>Variable |
|---|---|--------------------------------|-----------------------------|---------------------------------------|------------------------|
| I. APPROPRIATED FUND (AF) PAYROLL   |   |                                | APC                         |                                       |                        |
| Table 6   | Military on-base  | \$41,267,009                   | x .546                      | \$22,531,787                          | Y <sub>mon</sub>       |
| Table 6   | Military off-base   | 46,904,637                     | x .635                      | 29,784,444                            | Y <sub>moff</sub>      |
| Table 6   | Civilian  | 17,305,828                     | x .722                      | 12,494,808                            | Y <sub>cs</sub>        |
| II. NONAPPROPRIATED FUND (NAF) AND OTHER CIVILIAN PAYROLL   |   |                                |                             |                                       |                        |
| Table 6   | Civilian NAF/BX   | 2,741,835                      | x .722                      | 1,979,605                             | Y <sub>cx</sub>        |
| Table 6   | Contract civilian <sup>1</sup>                                  | \$968,000                      | x .722                      | \$698,896                             | Y <sub>cc</sub>        |
| Table 6   | Other civilian <sup>1</sup>                                     | 13,478                         | x .722                      | 9,731                                 | Y <sub>co</sub>        |
| Estimated payroll expenditures off-base in EIR<br>(Y <sub>mon</sub> + Y <sub>moff</sub> + Y <sub>cs</sub> + Y <sub>cx</sub> + Y <sub>cc</sub> + Y <sub>co</sub> ) |   |                                |                             | \$67,499,271                          | RPAY                   |
| III. CONSTRUCTION AND SERVICES  |   |                                | Labor Share x APC           |                                       |                        |
| Table 7   | Total Construction  | \$47,320,200                   | x 0.384 x .722              | \$13,119,431                          | Y <sub>con</sub>       |
| Table 7   | Total Services  | 13,488,348                     | x 0.524 x .722              | 5,103,020                             | Y <sub>s</sub>         |
| Table 7   | Commissary/BX   | 446,269                        | x 1.00                      | 446,269                               | C                      |
| Table 7   | Health  | 3,720,273                      | x 1.00                      | 3,720,273                             | H                      |
| Table 7   | Education   | 1,119,951                      | x 1.00                      | 1,119,951                             | E                      |
| Table 7   | TDY   | 660,876                        | x 1.00                      | 660,876                               | T                      |
| Estimated Labor and Service Expenditure off-base in EIR<br>(Y <sub>con</sub> + Y <sub>s</sub> + C + H + E + T)  |   |                                |                             | \$24,169,820                          | RCONS                  |
| IV. MATERIALS, EQUIPMENT, AND SUPPLIES (MES)  |   |                                | MES Share                   |                                       |                        |
| Table 7   | Total Construction  | \$47,320,200                   | x 0.60                      | \$28,392,120                          | M <sub>c</sub>         |
| Table 7   | Total Services  | 13,488,348                     | x 0.183                     | 2,468,368                             | M <sub>s</sub>         |
| Table 7   | Other materials, equipment,<br>and supplies in EIR <sup>1</sup> | 11,014,898                     | x 1.00                      | 11,014,898                            | AFMAT                  |
| Estimated materials and equipment expenditures off-base<br>in the EIR (M <sub>c</sub> + M <sub>s</sub> + AFMAT)   |   |                                |                             | 41,875,386                            | RMAT                   |
| V. TOTAL AF BASE EXPENDITURES IN EIR<br>(RPAY + RCONS + RMAT)   |   |                                |                             | \$133,544,477                         | RTOT                   |

Note:

1. Not elsewhere included.

TABLE 8. Continued.

PART 2: ERIS ECONOMIC IMPACT CALCULATION

1. Estimated total economic impact in the EIR of the AF Installation's annual operation expenditures:

$$TEI_{EIR} = RTOT \times M$$

$$\$302,104,316 = \$133,544,477 \times 2.2622$$

2. Secondary Jobs Created (SJC) off base in EIR:

$$SJC = \frac{RPAY \times (M - 1)}{P_{RS}} + \frac{RCONS \times M}{P_{RS}} + \frac{RMAT \times M}{P_W}$$

$$1,809 = \frac{67,499,271 \times 1.2622}{\$87,838} + \frac{24,169,820 \times 2.2622}{\$87,838} + \frac{41,875,386 \times 2.2622}{\$437,492}$$

PART 3: SUMMARY OF LOCAL JOBS SUPPORTED BY ANNUAL OPERATION EXPENDITURES

1. Base appropriated fund employment:

|  |              |     |
|--|--------------|-----|
| Military (Table 5)                       | <u>4,174</u> | MIL |
| Civilian (Table 5)                       | <u>548</u>   | CIV |
| Contract Civilian <sup>1</sup> (Table 5) | <u>968</u>   |     |
| Other Civilian <sup>1</sup> (Table 5)    | <u>1</u>     |     |

2. SJC employment from annualized base operation expenditures:

|                                      |              |       |
|--------------------------------------|--------------|-------|
| SJC off base within EIR (equation 2) | <u>1,809</u> | SJC   |
| NAF/BX employment (Table 5)          | <u>287</u>   | NAFBX |

3. Local employment supported by annual expenditures to operate the AF Installation: (MIL + CIV + NAFBX + SJC + Contract Civilian<sup>1</sup> + Other Civilian<sup>1</sup>)

7,787

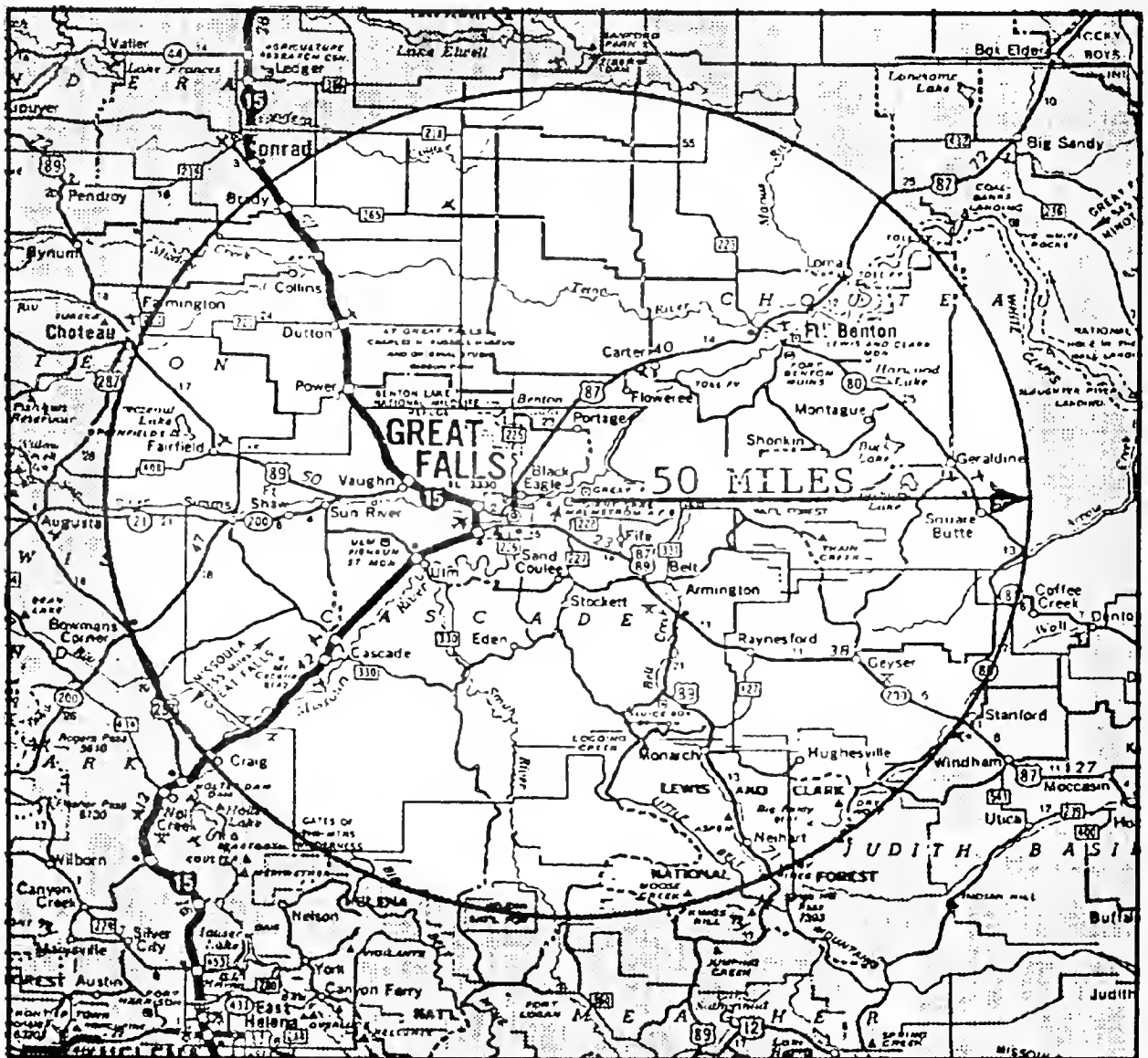
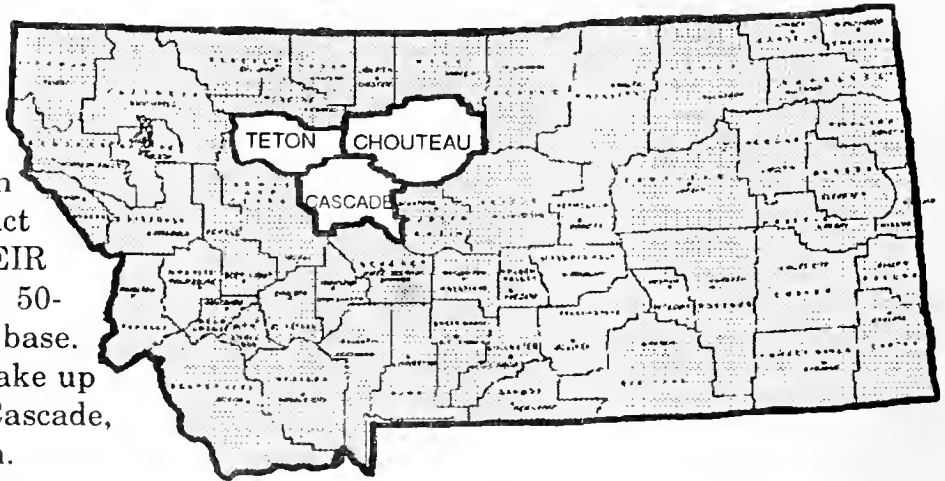
Note:

1. Not elsewhere included.

# APPENDIX

## ECONOMIC IMPACT REGION

This report presents information that describes the economic impact of Malmstrom AFB on its economic impact region (EIR). The EIR is an area within a 50-mile radius of the base. The counties that make up the EIR include Cascade, Chouteau, and Teton.



# MISSION STATEMENTS

## U.S. Air Force Mission

Provide an air force that is capable, in conjunction with the other armed forces, of preserving the peace and security of the United States, providing for its defense, supporting the national policies, implementing the national objectives, and overcoming any nation responsible for aggressive acts that imperil the peace and security of the United States.

In addition, the Air Force also provides major space research and development support for the Department of Defense (DOD) and assists the National Aeronautics and Space Administration in conducting our nation's space program. Finally, teamed with the Army, Navy, and Marine Corps, the Air Force is prepared to fight and win any war if deterrence were to fail.

## Strategic Air Command Mission

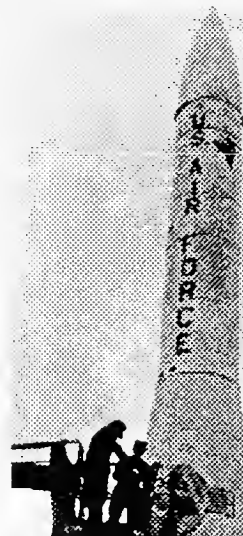
Conduct long range offensive operations in any part of the world either independently or in cooperation with other air, land and sea forces; conduct maximum range reconnaissance over land or sea either independently or in cooperation with naval forces; provide combat units capable of intense and sustained combat operations employing the latest and most advanced weapon systems; and train units and personnel for the maintenance of the strategic forces in all parts of the world.

## 40th Air Division Mission

Assure assigned units are manned, trained, and equipped to conduct strategic air warfare on a global scale, using nuclear and conventional weapons; to develop and maintain air refueling capability; train and equip the 40th Air Division staff for contingency and Single Integrated Operational Plan (SIOP) operation in support of applicable plans; and develop and maintain other special mission capability as directed by the Commander in Chief, SAC or Commander, Fifteenth Air Force.

## 341st Strategic Missile Wing Mission

Maintain and operate approximately 200 intercontinental ballistic missiles (ICBMs) as part of the Strategic Air Command's and nation's deterrent force and, if deterrence fails, be prepared to launch missiles upon the direction of the President in accordance with the Emergency War Order and the Single Integrated Operational Plan.



### **301st Air Refueling Wing Mission**

Execute assigned Emergency War Order and all assigned contingency operations to include Joint Staff and higher headquarters-directed operational missions on a 24-hour basis. This includes coordinating/directing all air refueling operations between parent commands. During peacetime operations, carry out all training and supervision of assigned operational and support personnel.



## **TENANT MISSIONS**

### **Det 5, 37th Air Rescue Squadron Mission**

Support the 341st Strategic Missile Wing, in missile support activities and convoy



security. Provides the following secondary missions:

- a. Disaster preparedness operations.
- b. Medical evacuations and search and rescue operations in support of mili-

tary objectives and the National Search and Rescue plan.

c. Civil disturbance assistance in support of Strategic Air Command (SAC).

d. Cable route surveys.

e. Special missions as directed, coordinated, and approved by SAC and Headquarters Air Rescue Service.

### **Det 5, 9th Weather Squadron Mission**

Provide weather support to the 341st Strategic Missile Wing and the 301st Air Refueling Wing. In addition to providing forecasting services to the base, issue weather advisories and warnings for the missile complex, strategic training range sites, and Helena Airport.

### **2153rd Communications Squadron Mission**

Equip, administer, train, and provide personnel to operate and maintain communications computer systems and air traffic control facilities in support of the 341st Strategic Missile Wing, 301st Air Refueling Wing, 840th Combat Support Group, and other units at Malmstrom AFB as directed by the Commander, Strategic Communications Division.



## PROGRAM DATA

---

### 341st Strategic Missile Wing

#### Missile Operations

|                            |                 |                          |
|----------------------------|-----------------|--------------------------|
| Missile Crews              |                 |                          |
| Miles Driven .....         | 1,600,000       |                          |
| Fuel Used .....            | \$75,000        |                          |
| Missile Crew Training      |                 |                          |
| Hours Trained .....        | 31,392          |                          |
| Missile Crew Testing       | <u># tested</u> | <u>Average Pass Rate</u> |
| Standardization Evaluation | 354             | 96.0%                    |

#### Missile Maintenance

|                   |        |
|-------------------|--------|
| Dispatches .....  | 6,569  |
| Work Orders ..... | 37,344 |

### 301st Air Refueling Wing

#### Operations

|                          |       |
|--------------------------|-------|
| Flying Missions          |       |
| Training .....           | 1,018 |
| Mission Support .....    | 70    |
| Total Sorties .....      | 1,088 |
| Total Flying Hours ..... | 4,460 |

#### Maintenance

|                                     |        |
|-------------------------------------|--------|
| Completed Maintenance Actions ..... | 54,088 |
| Engine Changes .....                | 52     |
| Transient Aircraft Serviced .....   | 1,684  |

### Det 5, 37th Air Rescue Squadron

|                                 |                            |
|---------------------------------|----------------------------|
| <u>Flying Missions</u>          | <u>Actual Flying Hours</u> |
| Search & Recovery Efforts ..... | 42                         |
| MEDEVAC .....                   | 0                          |
| Training .....                  | 650                        |
| Other Mission Support .....     | 2,200                      |
| Total Flying Hours .....        | 2,892                      |
| Total Sorties .....             | 1,900                      |

# PROGRAM DATA (CONT'D)

## Civil Engineering

|                                |             |
|--------------------------------|-------------|
| Job Orders <sup>1</sup>        |             |
| Emergency .....                | 698         |
| Routine .....                  | 10,092      |
| Total Job Orders .....         | 10,790      |
| Work Orders <sup>2</sup> ..... | 381         |
| Road Service Contracts .....   | \$2,800,000 |

| <u>Utilities Consumed</u> | <u>Quantity</u> | <u>Cost</u> |
|---------------------------|-----------------|-------------|
| Water (KGal)              |                 |             |
| Housing/Trailer Court     | 149,258         | \$ 77,169   |
| Base/Missile Facilities   | 174,240         | 98,309      |
| Total                     | 323,498         | \$175,478   |
| Electricity (MKW)         |                 |             |
| Housing/Trailer Court     | 13,856          | \$ 532,649  |
| Base/Clinic               | 37,163          | 1,446,834   |
| Missile Facilities        | 36,272          | 1,616,085   |
| Total                     | 87,291          | \$3,595,568 |
| Heating Fuel (MCF)        |                 |             |
| Housing/Trailer Court     | 168,004         | \$ 730,902  |
| Base/Heat Plant/Clinic    | 267,554         | 1,144,919   |
| Total                     | 435,558         | \$1,875,821 |
| Sewage (KGal)             |                 |             |
| Housing/Trailer Court     | 88,128          | \$ 62,279   |
| Base/Missile Facilities   | 103,458         | 73,110      |
| Total                     | 191,586         | \$135,389   |
| Total                     |                 | \$5,782,256 |

## Notes:

1. Job Orders are items in need of repair.
2. Work Orders are used for installation of new items.

# PROGRAM DATA (CONT'D)

## Education Enrollment <sup>1</sup>

|               | <u>Officer</u> | <u>Enlisted</u> | <u>Civilian</u> | <u>Total</u> |
|---------------|----------------|-----------------|-----------------|--------------|
| Vo-Tech       | 5              | 128             | 341             | 474          |
| Undergraduate | 3              | 1,088           | 776             | 1,867        |
| Graduate      | 651            | 30              | 772             | 1,453        |
| Other         | 59             | 207             | 55              | 321          |
| Total         | 718            | 1,453           | 1,944           | 4,115        |

## Class Enrollment

|  |       |
|--|-------|
| Great Falls Vo-Tech .....                            | 43    |
| Park College .....                                   | 1,150 |
| College of Great Falls .....                         | 143   |
| U of Southern California (Terminated 31 Dec 89)..... | 15    |
| U of Montana   |       |
| Master of Administrative Science .....               | 555   |
| Northern Montana College .....                       | 712   |
| Extension Course Institute (ECI) .....               | 784   |
| Correspondence Courses .....                         | 16    |
| Embry Riddle Aeronautical University .....           | 185   |
| Total  | 3,603 |

## Degrees Earned

|                |     |
|----------------|-----|
| Associate/CCAF | 98  |
| Bachelor       | 7   |
| Master         | 27  |
| Total          | 132 |

## Educational Costs

|                    |           |
|--------------------|-----------|
| Tuition Assistance | \$205,232 |
| Veterans Admin.    | 21,319    |
| MCMEP <sup>2</sup> | 195,192   |
| Total              | \$421,743 |

## Community Service

|                              |       |
|------------------------------|-------|
| Units of Blood Donated ..... | 1,254 |
| Red Cross Volunteers .....   | 170   |

### Hours Donated

|                                     |        |
|-------------------------------------|--------|
| Legal .....                         | 1,301  |
| Casework .....                      | 4,422  |
| Dental Clinic/Medical Clinic .....  | 1,984  |
| Survival Skills At Home Alone ..... | 176    |
| Loy School Health Room .....        | 104    |
| Veterinary Clinic .....             | 321    |
| Blood Drive .....                   | 1,144  |
| Administration .....                | 485    |
| Orientation .....                   | 73     |
| Total                               | 10,010 |

|                                  |       |
|----------------------------------|-------|
| Family Services Volunteers ..... | 87    |
| Hours Donated .....              | 8,312 |

### Notes:

1. These numbers are a cumulative amount for FY90
2. Missile Crew Member's Education Program

## PROGRAM DATA (CONT'D)

### Contributions

|                                 |           |
|---------------------------------|-----------|
| Combined Federal Campaign ..... | \$128,692 |
| Air Force Assistance Fund ..... | \$48,894  |

### Medical

|                                   |           |
|-----------------------------------|-----------|
| Clinic Patient Visits .....       | 96,464    |
| Dental Patient Treatments.....    | 128,252   |
| Physical Therapy Treatments ..... | 114,962   |
| Immunizations .....               | 14,149    |
| X-ray Films Exposed .....         | 26,898    |
| Laboratory Procedures .....       | 220,128   |
| Pharmacy Prescriptions .....      | 215,484   |
| Optometry Refractions .....       | 4,772     |
| Local Purchase of Supplies .....  | \$785,289 |

## GLOSSARY OF TERMS

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|                 |   |
|-----------------|---|
| AFMAT           | Other procurement (materials, equipment, and supplies) expenditures within the EIR.   |
| C               | Commissary procurements in the EIR.   |
| E               | Education Impact funds.   |
| H               | Local health expenditures (CHAMPUS funds).  |
| M               | Gross Income multiplier. Expenditures, such as payrolls and procurement, produce an indirect effect that ripples through the local economy. Example: The Air Force pays an airman, an airman buys a car, and the car dealer uses some of the profits to have dinner in a restaurant. Thus, the government funds flowing into the EIR lead to an increase in local economic activity which exceeds the original expenditure. |
| M <sub>C</sub>  | Materials and supplies component of construction contracts. The material share of 60% is based on section 12.0212, U.S. Dept. of Commerce National Input/Output Structure, 1977.  |
| M <sub>S</sub>  | Materials and supplies component of service contracts. The material share of 18.3% is based on section 73.0102, U.S. Dept. of Commerce National Input/Output Structure, 1977.   |
| P <sub>RS</sub> | Sales per worker in the trade/service sector.   |
| P <sub>W</sub>  | Sales per worker in the wholesale sector.   |
| RCONS           | $Y_{CON} + Y_S + C + E + H + T$   |
| RMAT            | $M_C + M_S + AFMAT$   |
| RPAY            | $Y_{MON} + Y_{MOFF} + Y_{CS} + Y_{CC} + Y_{CO} + Y_{CX}$  |
| RTOT            | Initial expenditure remaining in the EIR from AF Installation total EIR procurements, construction, and income expenditure.   |
| SJC             | Secondary jobs off base in the EIR created by AF base EIR expenditures (not including military or NAF, AAFES, contract civilians, and other civilians, n.e.l., employed by the Installation).   |
| T               | Local TDY expenditures off base in the EIR.   |
| EIR             | Economic Impact Region. Area within a 50 mile radius of the base.   |

## GLOSSARY OF TERMS (CONT'D)

|                                   |  |
|-----------------------------------|--|
| TEI <sub>EIR</sub>                | Total economic impact in the EIR (including direct, indirect, and induced effects) of the AF Installation EIR expenditures.  |
| Y <sub>CC</sub> & Y <sub>CO</sub> | Civilian payroll spent in the EIR by the AF Installation other civilian personnel, n.e.l.  |
| Y <sub>CON</sub>                  | Income spent in the EIR from payroll component of the construction contract expenditures. Based on a labor share of 38.4% for sector 12.0212, U.S. Dept. of Commerce National Input/Output Structure, 1977 and assumes an APC of .722.                     |
| Y <sub>CX</sub> & Y <sub>CS</sub> | Civilian payroll spent in the EIR by base civilian personnel including NAF, AAFES, and civil service employees. (Do not include income of civilians in private sector businesses located on base such as branch banks and commercial food establishments.) |
| Y <sub>MON</sub>                  | Military payroll spent in the EIR by military permanent party and trainees living on base.   |
| Y <sub>MOFF</sub>                 | Military payroll spent in the EIR by AF Installation military personnel living off base.   |
| Y <sub>S</sub>                    | Income spent in the EIR from payroll component of service contracts. Base on a labor share of 52.4% for sector 73.0102, U.S. Dept. of Commerce National Input/Output Structure, 1977, and assumes an APC of .722.  |



